



# Tidepool Exploration Trip

## *Suggested Pre & Post-Visit Activities*

Use these activities to integrate the intertidal experience into all areas of your curriculum from spelling and writing to math and art. If you questions regarding any of the activities below, please contact us at [mclemente@city.newport-beach.ca.us](mailto:mclemente@city.newport-beach.ca.us)

- Integrate marine spelling words and definitions into curriculum
- Have students write a story about what they think life in the tidepools may be like. Emphasize problems and adaptations.
- Create a tidepool diorama.
- Discuss zonation of different tidepool animals and why some animals live in one area of the tidepools versus another.
- Have students create a new tidepool organism from their imaginations. Discuss what adaptations this new creature might need to survive in the marine environment.
- Have students pick their favorite tidepool animal and do research for a class presentation.
- Check the newspaper's weather section for each day's tides and have students graph highs and lows. See if there is any correlation between moon phases and tidal heights.
- Do an evaporation experiment. Pour a glass of water on the onto the playground in an undisturbed area and draw a chalk outline around it. Check back an hour later and draw a new chalk line around the water line. Do the same with salt water and note the white salt residue remaining afterwards.
- Create tidepool molds out of rock (or cement), sand and mud. Have the students hypothesize which will hold water better than the others before filling them up with water.

*This list was developed by the Cabrillo Marine Aquarium Outreach Program.*